CLAIMS

1. A spacer for a liquid crystal display, which comprises a base particle and a polymer coating

5 the surface of said base particle,

a contact angle Al of water on the spacer, measured at 25°C when said spacer is annealed at a temperature of an annealing temperature Tl or higher in fabricating a liquid crystal display for 1 hour or more and then cooled, and a contact angle B of water on the spacer, measured at 25°C without annealing the spacer, satisfying the relationship of the following equation (1):

$$A1 - B \ge 1^{\circ}$$
 (1).

2. The spacer for a liquid crystal display according to claim 1,

wherein a contact angle A1 of water on the spacer, measured at 25°C when said spacer is annealed at a temperature of an annealing temperature T1 or higher in fabricating a liquid crystal display for 1 hour or more and then cooled, and a contact angle B of water on the spacer, measured at room temperature without annealing the spacer, satisfy the relationship of the following equation (2):

$$A1 - B \ge 8^{\circ}$$
 (2).

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3. A spacer for a liquid crystal display, which comprises a base particle and a polymer which coats the surface of said base particle,

a contact angle A2 of water on the spacer, measured at 25°C when said spacer is annealed at a temperature of a glass transition temperature T2 or higher of said polymer and then cooled, and a contact angle B of water on the spacer, measured at 25°C without annealing the spacer, satisfying the relationship of the following equation (3):

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$$A2 - B \ge 1^{\circ}$$
 (3).

4. The spacer for a liquid crystal display according to claim 3,

wherein a contact angle A2 of water on the spacer,

5 measured at 25°C when the spacer is annealed at a
temperature of a glass transition temperature T2 or higher
of the polymer and then cooled, and a contact angle B of
water on the spacer, measured at 25°C without annealing the
spacer, satisfy the relationship of the following equation
10 (4):

 $A2 - B \ge 8^{\circ}$ (4).

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- 5. The spacer for a liquid crystal display according to claim 1, 2, 3 or 4,
- wherein the polymer contains a component containing an alkyl group having 10 or more carbon atoms in an amount 10% by weight or more and a component containing an alkyl group having 4 or less carbon atoms in an amount 50% by weight or more.

6. A method of producing a spacer for a liquid crystal display according to claims 1, 2, 3, 4 or 5,

which comprises the steps of coating the surface of a base particle with a polymer, and immersing said base

25 particle coated the surface with said polymer in a liquid medium having a SP value of 10 or higher and then drying the base particle.

7. The method of producing a spacer for a liquid crystal display according to claim 6,

wherein the liquid medium having a SP value of 10 or higher has a SP value of 12 to 15.

8. The method of producing a spacer for a liquid crystal display according to claim 6 or 7,

wherein the liquid medium having a SP value of 10 or higher contains methanol in an amount 50% by weight or more.

9. A liquid crystal display,

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- which is obtainable by using the spacer for a liquid crystal display according to any of claims 1, 2, 3, 4, 5, 6, 7 or 8.
- 10. A method of measuring the contact angle of water10 on spacers for a liquid crystal display,

wherein a water droplet is formed on the surface obtainable by arraying an abundance of spacers for a liquid crystal display without being observed projections and depressions of 50 μm or larger on the surface and the contact angle of water on said surface is measured.